

MR-S MCDP / MCDP 80

MR-S 80 / 100 / 150

MR-S LINE

PORTABLE DRILLING MAST



MARINI

MR-S MCDP / MCDP 80

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MR-S LINE

PORTABLE DRILLING MAST

/ Working to grow together

Portable drilling mast

MAR-S



COMPONENTISTICA COMPONENTS

Marini Srl si distingue per l'uso di componenti di altissima qualità, selezionati accuratamente per garantire prestazioni superiori. La scelta delle migliori materie prime e dei prodotti finiti di eccellenza assicura una maggiore durabilità dei macchinari, riducendo i guasti e i tempi di fermo.

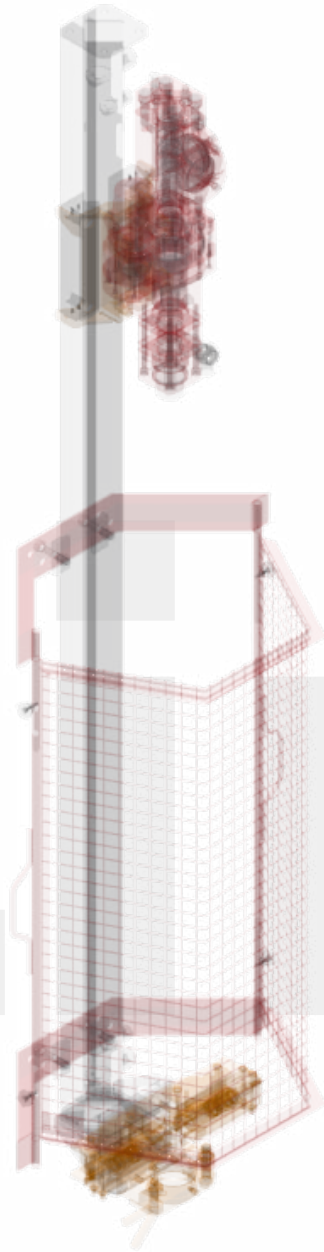
Marini Srl stands out for using top-quality components, carefully selected to ensure superior performance. The choice of the finest raw materials and finished products guarantees a longer lifespan for machinery, reducing breakdowns and downtime.



SOSTENIBILITÀ SUSTAINABILITY

Marini Srl si impegna a produrre macchine da perforazione all'avanguardia, con un forte focus sulla sostenibilità ambientale. Ogni macchina è progettata per ridurre al minimo l'impatto ecologico, utilizzando tecnologie che ottimizzano il consumo energetico e riducono le emissioni.

Marini Srl is dedicated to producing cutting-edge drilling machines with a strong focus on environmental sustainability. Each machine is designed to minimize ecological impact, utilizing technologies that optimize energy consumption and reduce emissions.



OPERATIVITÀ OPERATION

Le perforatrici Marini sono progettate per garantire un'operatività intuitiva e semplice. Grazie a un'interfaccia user-friendly e a soluzioni tecniche innovative, rende le nostre macchine ideali per i cantieri di tutto il mondo, dove l'efficienza e la facilità d'uso sono fondamentali per ottenere risultati rapidi e di alta qualità.

Marini drilling machines are designed to ensure intuitive and simple operation. Thanks to a user-friendly interface and innovative technical solutions, our machines are ideal for construction sites around the world, where efficiency and ease of use are essential for achieving fast, high-quality results.



AFFIDABILITÀ RELIABILITY

Le perforatrici Marini sono sinonimo di affidabilità e durata nel tempo. Ogni macchina è progettata per resistere alle condizioni più impegnative, garantendo prestazioni elevate anche nei cantieri più difficili. Offriamo un eccellente servizio di ricambi e assistenza tecnica, assicurando che ogni componente sia disponibile tempestivamente.

Marini drilling machines are synonymous with reliability and long-lasting performance. Each machine is designed to withstand the toughest conditions, ensuring high performance even in the most demanding construction sites. We offer an excellent spare parts and technical support service, ensuring that every component is promptly available.

MR-S 80



MR-S 100



MR-S MCDP



MR-S MCDP 80



ITA

Perforatrici portatili

ENG

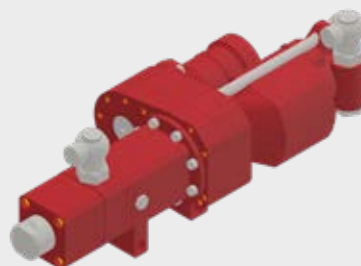
Portable drills

MR-S LINE

La linea **MR-S** è composta da unità da perforazione leggere e portatili, progettate per l'installazione su strutture base come piattaforme, ponteggi e ceste. Queste unità possono essere alimentate sia ad aria che idraulicamente, offrendo grande versatilità e adattabilità alle diverse esigenze operative. Tutti i modelli di mast della linea MR-S sono completi di gruppo comandi manuale e possono essere equipaggiati con perforatori a roto-percussione, teste di rotazione o teste di carotaggio, per rispondere alle necessità specifiche di ogni tipo di perforazione.

The **MR-S** line consists of lightweight and portable drilling units designed for installation on base structures such as platforms, scaffolds, and baskets. These units can be powered either pneumatically or hydraulically, providing great versatility and adaptability to various operational needs. All mast models in the MR-S line are equipped with a manual control group and can be fitted with rotary percussive drillers, rotary heads, or coring heads to meet the specific requirements of each drilling application.

DRIFTERS



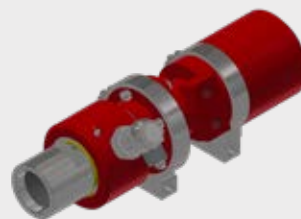
ROTARY
HEADS



MR-S-Line



CORING
HEADS



/ Working to grow together

MR-S LINE



OPTIONS



Centraline idrauliche
Hydraulic power packs
(mr-s 80 / 100)



Gabbia di protezione ce
Ce safety cage



Doppia morsa
Double clamp



GRUPPO COMANDI PNEUMATICO
PNEUMATIC CONTROL PANEL

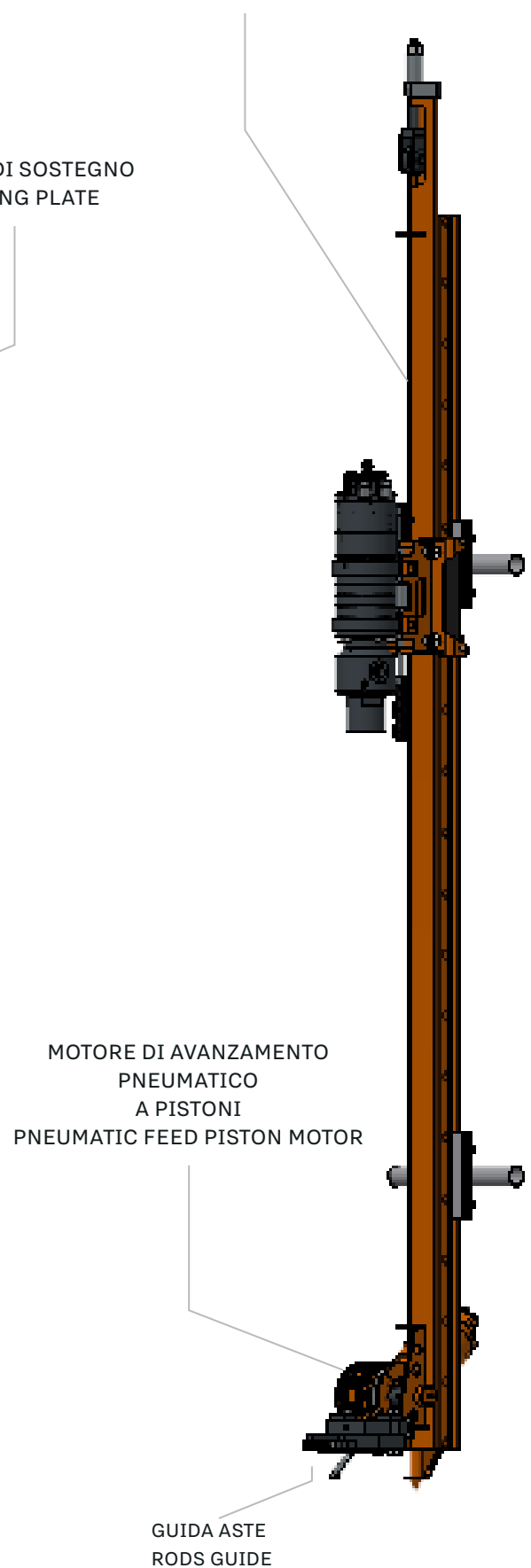
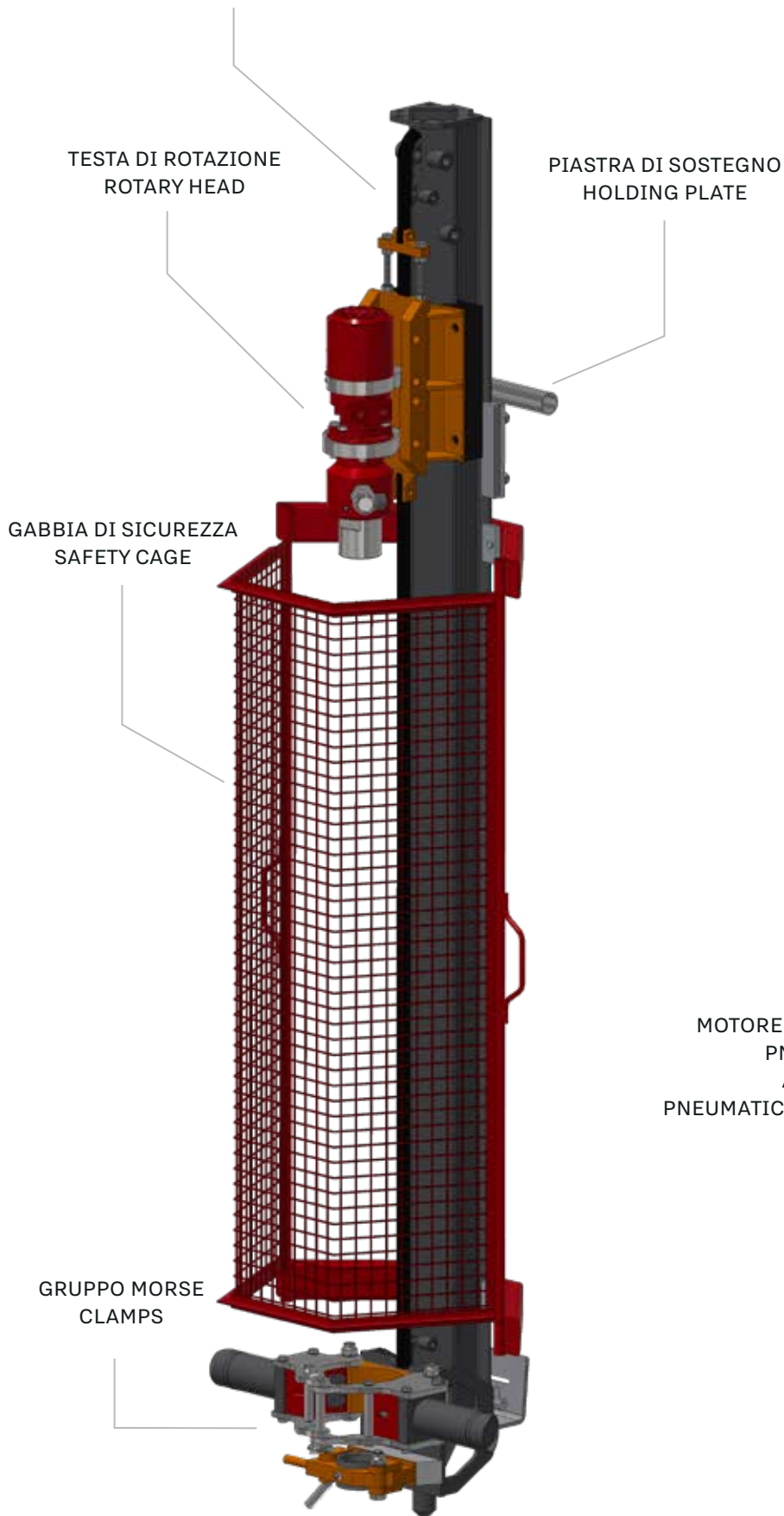


GRUPPO COMANDI IDRAULICO
HYDRAULIC CONTROL PANEL



MR-S 80 / 100 / 150

MR-S MCDP / MCDP80



/MR-S Line

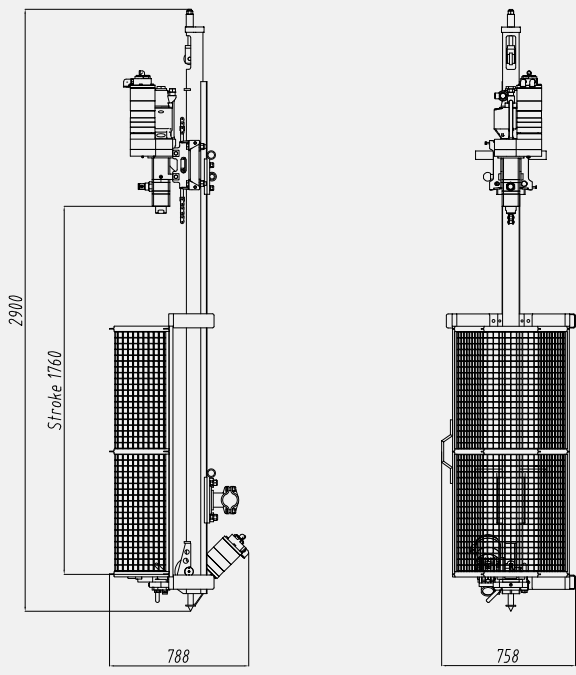
MR-S MCDP / MCDP 80

MAST MAST	MAT LAFETTE	MCDP	MCDP 80	MR-SPN
Corsa utile Feed stroke	Course utile Vorschub	1760 mm (*) 5.77 ft (*)	2160 mm (*) 7.09 ft (*)	3260 mm (*) 10.7 ft (*)
Lunghezza totale Total length	Longueur totale Gesamtlänge	2900 mm (*) 9.51 ft (*)	3400 mm (*) 11.15 ft (*)	4745 mm (*) 15.57 ft (*)
Forza di spinta Feed force	Poussée Vorschubkraft	950 daN 2136 lbf	1250 daN 2810 lbf	1250 daN 2810 lbf
Forza di tiro Retract force	Traction Rückzugskraft	950 daN 2136 lbf	1250 daN 2810 lbf	1250 daN 2810 lbf
TESTE DI ROTAZIONE ROTARY HEAD	TÊTE DE ROTATION DREHKOPF	EP 95	EP 120	EP 160
Coppia max. Max. torque	Couple max. Drehmoment max.	80 daNm 590 lbf	120 daNm 885 lb*ft	160 daNm 1180 lbft
Giri max. Max. speed	Vitesse max. Drehzahl max.	40 rpm	45 rpm	30 rpm
PERFORATORE ROCK DRILL	PERFORATEUR BOHRER	MA 100 S 3RR		
Coppia max. Max. torque	Couple max. Drehmoment max.	30 daNm / 221 lb*ft		
Giri max. Max. speed	Vitesse max. Drehzahl max.	60 rpm		
Energia di impatto Impact energy	Force de frappe Einzelschlagenergie	180 Nm / 133 lb*ft		
Frequenza di battuta Impact frequency	Fréquence de frappe Schlagfrequenz	2800 cpm		
Aste filettate ed auto per- foranti Threaded and self-anchoring rods	Barres filetées et autofo- reuses Gewindestangen und Bohr- schrauben	R32/R38/R51/ ISCHEBECK TITAN 30/40/52		
PESO WEIGHT	POIDS GEWICHT	kg / lbs		
		≈ 120 Kg / 265 lbs	≈ 170 Kg / 375 lbs	350 Kg / 771 lbs

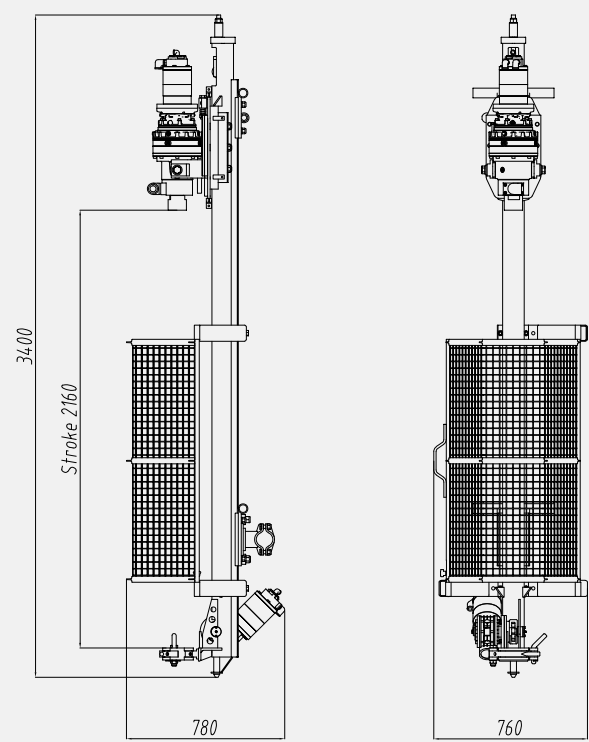
DIMENSIONS



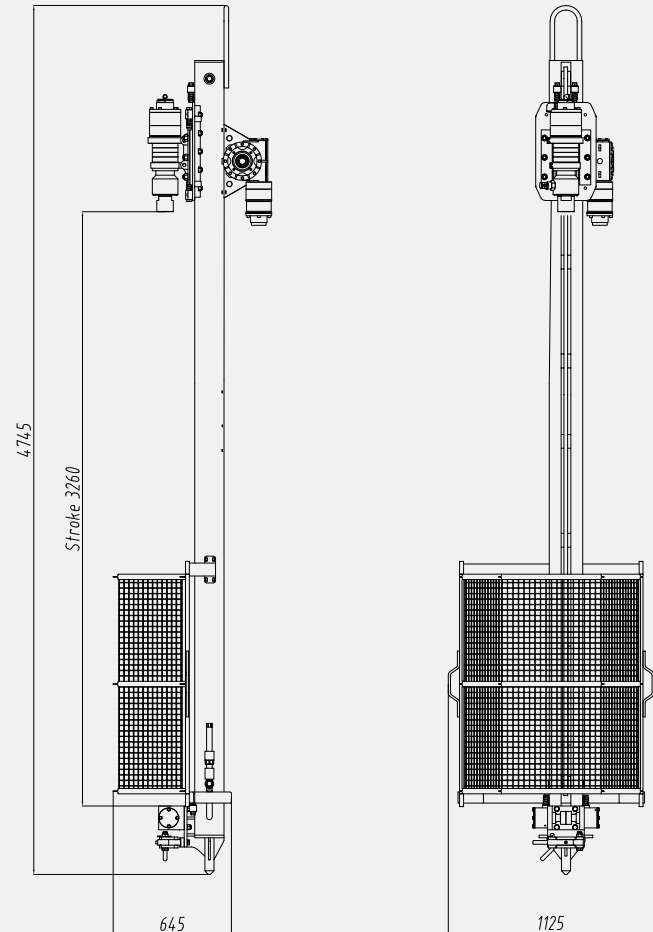
MR-S MCDP



MR-S MCDP 80



MR-S PN



(*) dimensioni variabili su richiesta / dimension variable on request/ dimensions variables sur demande/ variable abmessungen auf anfrage

/MR-S Line

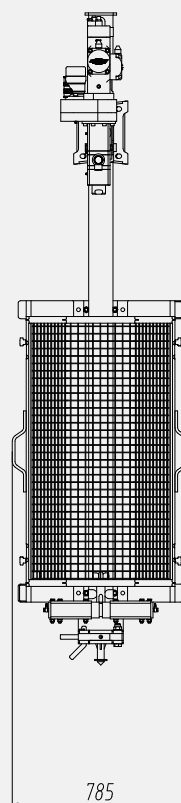
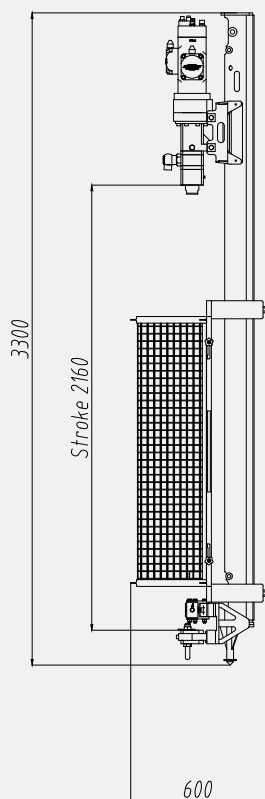
MR-S 80 / 100

MAST MAST	MAT LAFETTE	CID 80	CID 100
Corsa utile Feed stroke	Course utile Vorschub	2160 mm (*) / 7.09 ft (*)	2160 mm (*) / 7.09 ft (*)
Lunghezza totale Total length	Longueur totale Gesamtlänge	3300 mm (*) / 10.83 ft (*)	3400 mm (*) / 1.16 ft (*)
Forza di spinta Feed force	Poussée Vorschubkraft	600 daN / 1349 lbf	1000 daN / 2248 lbf
Forza di tiro Retract force	Traction Rückzugskraft	1000 daN / 2248 lbf	1500 daN / 3372 lbf
TESTE DI ROTAZIONE ROTARY HEAD	TÊTE DE ROTATION DREHKOPF	ID 160	ID 300
Coppia max. Max. torque	Couple max. Drehmoment max.	160 daNm / 1180 lbf	350 daNm / 2581 lbf
Giri max. Max. speed	Vitesse max. Drehzahl max.	60 rpm	40 rpm
Marce Gears	Vitesses Gänge	1	1
PERFORATORE ROCK DRILL	PERFORATEUR BOHRER	MA 100 S ID	
Coppia max. Max. torque	Couple max. Drehmoment max.	100 daNm / 737 lbf	
Giri max. Max. speed	Vitesse max. Drehzahl max.	100 rpm	
Energia di impatto Impact energy	Force de frappe Einzelschlagenergie	180 Nm / 132 ft lbf	
Aste filettate ed auto perforanti Threaded and self-anchoring rods	Barres filetées et autoforeuses Gewindestangen und Bohr-schrauben	R32/R38/R51/T30/T40/ ISCHEBECK TITAN T52	
MORSE CLAMPS	MORS KLEMM	MOD: 25/115	MOD: 70/188
Diametro min. / max presa Clamping range	Tige diamètre min. / max Durchmesser min. / max	Ø 25 / 115 mm (0.98 / 4.5 in)	Ø 25 / 188 mm (0.98 / 7.40 in)
Forza di chiusura Clamping force	Force de serrage Klemmkraft	/	18000 daN @220 bar (40465 lb @ 3191 psi)
Coppia svitaggio Breaking torque	Couple de deserrage Brehmoment	/	4000 daNm / 28933 lb*ft
PESO WEIGHT	POIDS GEWICHT	kg / lbs	
		≈ 250 Kg / 551 lbs	≈ 350 Kg / 771 lbs

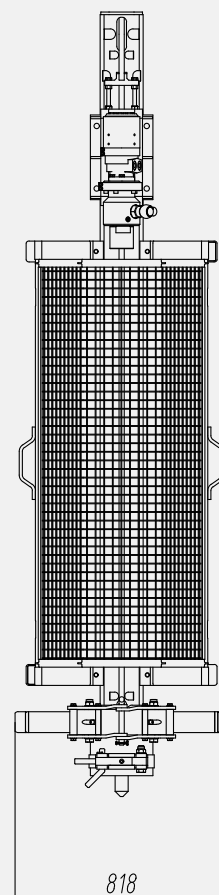
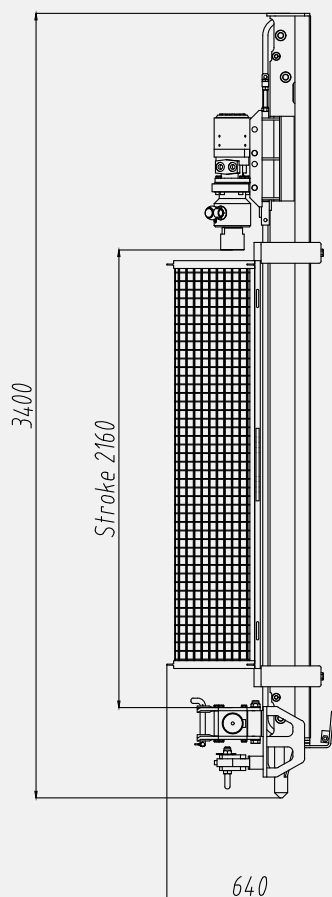
DIMENSIONS



MR-S 80



MR-S 100



(*) dimensioni variabili su richiesta / dimension variable on request/ dimensions variables sur demande/ variable abmessungen auf anfrage

/MR-S Line

MR-S 150

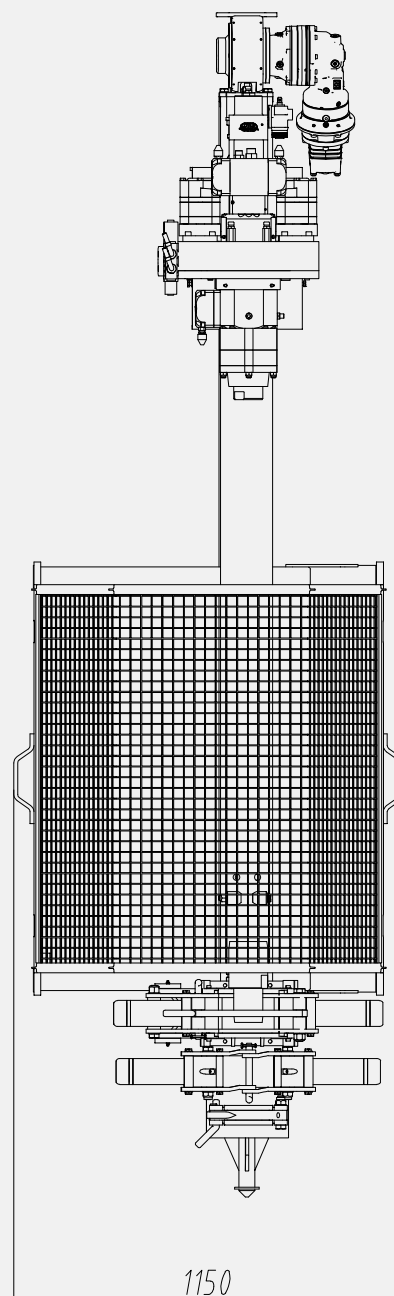
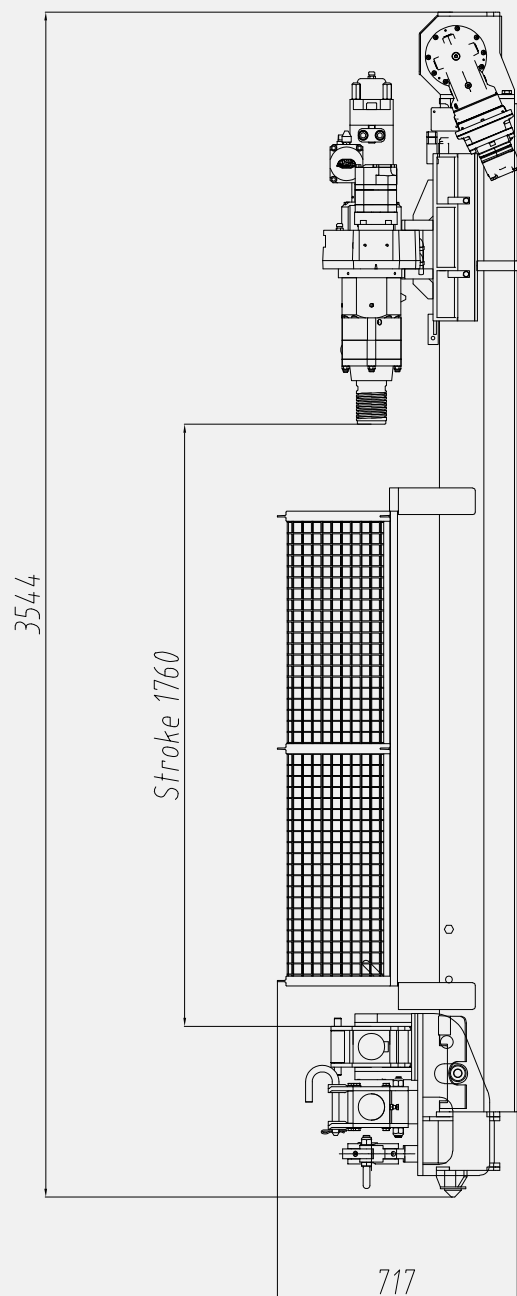
MAST MAST	MAT LAFETTE	CID 150 (modular)
Corsa utile Feed stroke	Course utile Vorschub	1260 - 1760 mm (*) / 4.13 - 5.77 ft (*)
Lunghezza totale Total length	Longueur totale Gesamtlänge	3544 mm (*) / 11.63 ft (*)
Forza di spinta Feed force	Poussée Vorschubkraft	2500 daN / 5620 lbf
Forza di tiro Retract force	Traction Rückzugskraft	2500 daN / 5620 lbf
TESTE DI ROTAZIONE ROTARY HEAD	TÊTE DE ROTATION DREHKOPF	ID 500
Coppia max. Max. torque	Couple max. Drehmoment max.	500/250 daNm (3688 /1844 ft*lb)
Giri max. Max. speed	Vitesse max. Drehzahl max.	40/80 rpm
Marce Gears	Vitesses Gänge	2
PERFORATORE ROCK DRILL	PERFORATEUR BOHRER	MA 500/2 ID
Coppia max. Max. torque	Couple max. Drehmoment max.	500/250 daNm (3688/1844 ft*lb)
Giri max. Max. speed	Vitesse max. Drehzahl max.	40/80 rpm
Energia di impatto Impact energy	Force de frappe Einzelschlagenergie	320 Nm / 236 ft*lb
Aste filettate ed auto perforanti Threaded and self-anchoring rods	Barres filetées et autoforeuses Gewindestangen und Bohr-schrauben	R32/R38/R51 ISCHEBECK TITAN 30/40/52 / C90-R51
MORSE CLAMPS	MORS KLEMM	MOD: 70/188
Diametro min. / max presa Clamping range	Tige diamètre min. / max Durchmesser min. / max	Ø 25 / 188 mm (0.98 / 7.40 in)
Forza di chiusura Clamping force	Force de serrage Klemmkraft	18000 daN @220 bar (40465 lb @ 3191 psi)
Coppia svitaggio Breaking torque	Couple de deserrage Brehmoment	4000 daNm / 28933 lb*ft
PESO WEIGHT	POIDS GEWICHT	kg / lbs

≈ 550 Kg / 1213 lbs

DIMENSIONS



MR-S 150



(*) dimensioni variabili su richiesta / dimension variable on request/ dimensions variables sur demande/ variable abmessungen auf anfrage

/MR-S Line

CENTRALINE IDRAULICHE / HYDRAULIC POWER PACKS

MR-S 80



MODELLO MODEL	23-D	20-E
Motore Engine	Yanmar 3TNV80F	400 V 50 HZ
Potenza motore Engine Power	17 Kw / 23 Hp	15kW / 20 Hp
Pompa principale Main pump	40 lpm @180 bar (10.56 gal/min @2610 psi)	
Serbatoio olio Oil tank	60 Lt / 15.8 gal	
Serbatoio Gasolio Fuel Tank	15Lt / 3.9 gal	/
Peso Weight	380 kg / 838 lbs	330 kg / 727 lbs

MR-S 100



MODELLO MODEL	45-D	40-E
Motore Engine	Yanmar 3TNV86CT-DKEV	400 V 50 HZ
Potenza motore Engine Power	33 kW / 44 Hp	30 kW / 40 Hp
Pompa principale Main pump	90 lpm @180 bar (23.78 gal/min @2611 psi)	
Serbatoio olio Oil tank	110 Lt / 29.1 gal	110 Lt / 29.1 gal
Serbatoio Gasolio Fuel Tank	40 Lt / 10.57 gal	/
Peso Weight	800 kg / 1.764 lbs	330 kg / 727 lbs



MR-S 150



MODELLO MODEL	75-D	75-E
Motore Engine	Kohler KDI 2504 TCR	400 V 50 HZ
Potenza motore Engine Power	55 kW / 75 Hp 15kW / 20 Hp	
Pompa principale Main pump	160 lpm @200 bar (42.26 gal/min @2900 psi)	
Serbatoio olio Oil tank	200 Lt / 52.83 gal	
Serbatoio Gasolio Fuel Tank	100 Lt / 26.42 gal	/
Peso Weight	1350 kg / 2.976 lbs	1100 kg / 2.425 lbs

NOTE

[illegible]



MARINI SRL

Via Beura 44 - 28844 Villadossola (VB)

www.marinidrills.com



www.printgraficapistone.it

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